

COBRA4[®] & PICAM[®]

Zirconium Milling Machine



ONE OF
THE FASTEST
MILLING MACHINE
IN THE WORLD

High quality
at reasonable price



COBRA4[®]

Zirconium Milling Machine

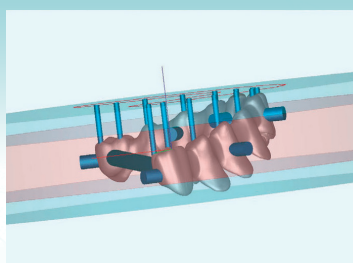
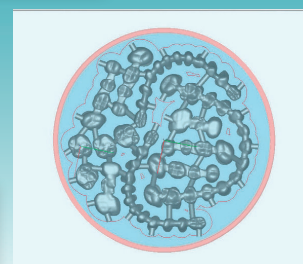
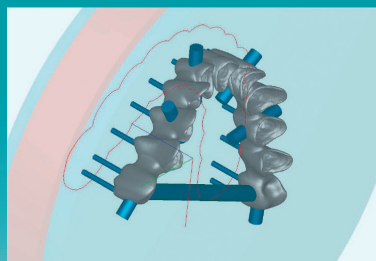


TECHNICAL DATA

Main voltage and frequency	230 V, 50/60 Hz	• Compact design
Power consumption	450 W without extraction unit	• Aluminum casting base
Power socket for extraction unit	230 V; 50/60 Hz; Pmax. 2000 W	• 4 axes
Real accuracy	<0.015 mm	• High accuracy /<0.015 mm/
Spindle speed	max. 60,000/min	• Ball-screw / stepping motor drive
Spindle torque	4 Ncm	• Maintenance-free ball-screws
Tool shank diameter	Ø 3 mm	• Ease of operation through LCD touch-panel
Magazine	up to 8 tools	• STL file import with PiCAM software
Compressed air connection	Ø 8 mm	• Materials: Zirconium, PMMA, Wax, Gypsum
Compressed air requirements	clean, dry, 6 bar, max. 50 l/min	• Pneumatic tool change with tool length sensor
Weight	approx. 70 kg	• Closed working area with dust extraction system
Dimension	560 x 585 x 600 mm	• Easy cleaning
(Width x Height x Depth)		• Order No.: 72-4000

PiCAM[®] self developed in-house cam software

- 100% in-house development
- Fully open, stl-based system
- Can accept data from any CAD software type
- Maximally utilized disks
- Material-saving design process
- Ergonomic, simple use
- For bridges with large span, with "Drops" and "FullBridgeConnector" functions
- Holders can be thinned, milled off
- Model-unifying function even for works coming from different systems
- Model to model fixing option using the "Connector" function
- Fast generation process
- Simulation option



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